

| TOLERANCE TABLE   |                  |                |                |                          |
|-------------------|------------------|----------------|----------------|--------------------------|
| NOMINAL PIPE SIZE | OUTSIDE DIAMETER | O.D. TOLERANCE | WALL THICKNESS | WALL THICKNESS TOLERANCE |
| 1/2"              | .840             | +0.005 / -.012 | .065           | ±.005                    |
| 3/4"              | 1.050            | +0.005 / -.012 | .065           | ±.005                    |
| 1"                | 1.320            | +0.005 / -.012 | .065           | ±.005                    |
| 1 1/4"            | 1.660            | +0.005 / -.012 | .065           | ±.005                    |
| 1 1/2"            | 1.900            | +0.008 / -.015 | .065           | ±.005                    |
| 2"                | 2.380            | +0.010 / -.016 | .065           | ±.005                    |
| 2 1/2"            | 2.880            | +0.015 / -.020 | .083           | ±.006                    |
| 3"                | 3.500            | +0.015 / -.020 | .083           | ±.006                    |
| 4"                | 4.500            | +0.015 / -.020 | .083           | ±.007                    |
| 5"                | 5.560            | +0.020 / -.030 | .109           | ±.008                    |
| 6"                | 6.620            | +0.020 / -.030 | .109           | ±.008                    |
| 8"                | 8.620            | ±.035          | .109           | ±.009                    |
| 10"               | 10.750           | ±.042          | .134           | ±.010                    |
| 12"               | 12.750           | ±.052          | .156           | ±.011                    |

| MATERIAL SPECIFICATIONS |         |         |         |         |
|-------------------------|---------|---------|---------|---------|
|                         | 304     | 304L    | 316     | 316L    |
| C Max.                  | .08     | .035    | .08     | .035    |
| Si Max.                 | 1.00    | 1.00    | 1.00    | 1.00    |
| Mn Max.                 | 2.00    | 2.00    | 2.00    | 2.00    |
| P Max.                  | .045    | .045    | .045    | .045    |
| S Max.                  | .030    | .030    | .030    | .030    |
| Ni                      | 8 - 11  | 8 - 13  | 10 - 14 | 10 - 15 |
| Cr                      | 18 - 20 | 18 - 20 | 16 - 18 | 16 - 18 |
| Mo                      | -       | -       | 2 - 3   | 2 - 3   |
| Yield Min.              | 30,000  | 25,000  | 30,000  | 25,000  |
| Tensile Min.            | 75,000  | 70,000  | 75,000  | 70,000  |
| % Elong.                | 35      | 35      | 35      | 35      |

ALTERNATE MATERIALS AVAILABLE ON APPLICATION.

**BACK**

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